

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/DE2004/002731

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H05K5/00 B60R16/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01R H05K B60R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 847 572 A (IWASAKI ET AL) 8 December 1998 (1998-12-08) the whole document	1-5
A	WO 2004/001807 A (NANONEXUS, INC) 31 December 2003 (2003-12-31) the whole document	1-5
A	US 5 571 027 A (ROEBUCK ET AL) 5 November 1996 (1996-11-05) the whole document	1-5

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EV 636 852 125 US  
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

27 April 2005

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13/05/2005

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DE2004/002731

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5847572	A	08-12-1998	JP	2908747 B2		21-06-1999
			JP	9191066 A		22-07-1997
			DE	19700523 A1		17-07-1997
WO 2004001807	A	31-12-2003	US	2003099097 A1		29-05-2003
			AU	2003218288 A1		08-10-2003
			AU	2003272205 A1		06-01-2004
			WO	03081725 A2		02-10-2003
			WO	2004001807 A2		31-12-2003
			US	2004223309 A1		11-11-2004
US 5571027	A	05-11-1996	US	5468158 A		21-11-1995
			US	5397245 A		14-03-1995

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